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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

Claim 1 (Currently Amended) A page printer comprising:

a printer engine;

a memory which includes an input area, for storing input data, a compression area, for

storing compressed drawing data, and a bit-map area, for storing expanded <u>drawing</u> data;

a compression circuit, for compressing drawing data and for storing the resultant

compressed drawing data in said compression area of said memory;

[[a]] <u>an</u> expanding circuit, for expanding said compressed drawing data and for

storing the resultant expanded drawing data in said bit-map area [and] <u>of</u> said memory;

a video output circuit, for transferring said expanded drawing data to said printer engine;

and

a controller for analyzing said input data for each job and creating drawing data for a

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designated resolution,

wherein said controller changes said designated printing resolution to a lower printing

resolution, and repeats an input data analyzation process beginning with said input data entered

for the first page of said job when said controller detects a memory shortage of said compressed

area, and prints said job at the lower printing resolution.

Claim 2 (Original) A page printer according to claim 1, wherein said controller updates

a memory variable indicating the remaining capacity of said compression area at each time said

compression circuit writes said compressed drawing data-in said compression area of said

memory, and in accordance with said remaining capacity, determines whether said memory

shortage has occurred.

Claim 3 (Original)   A page printer according to claim 1, further comprising: selection means

which, to restart printing, selects either the first page of said job or a page whereat said memory shortage

occurred,

wherein, when a page whereat said memory shortage occurred is selected, said controller

begins the analyzation of input data for said page whereat said memory shortage occurred.

Claim 4 (Currently Amended A page printer comprising:

a printer engine;

a memory which includes an input area, for storing input data, a compression area, for

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storing compressed drawing data, and a bit-map area, for storing expanded <u>drawing</u> data;

a compression circuit, for compressing drawing data and for storing the resultant

compressed drawing data in said compression area of said memory;

[[a]] <u>an</u> expanding circuit, for expanding said compressed drawing data and for storing

the resultant expanded drawing data in said bit-map area [and] <u>of</u> said memory;

a video output circuit, for transferring said expanded drawing data to said printer engine;

and

a controller for analyzing said input data for each job and creating drawing data for a

designated resolution.

wherein said controller changes said designated resolution to a lower one, and repeats an

input data analyzation process beginning with said input data entered-for the first page of said job

when said controller detects a memory shortage of said compressed area,

wherein said controller creates a resolution change message to print on said resolution

change page.

Claim 5 (Currently Amended) A page printer comprising:

a printer engine;

a memory which includes an input area, for storing input data, a compression area, for

storing compressed drawing data, and a bit-map area, for storing expanded <u>drawing</u> data;

a compression circuit, for compressing drawing data and for storing the resultant

compressed drawing data in said compression area of said memory;

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[[a]] <u>an</u> expanding circuit, for expanding said compressed drawing data and for storing

the resultant expanded drawing data in said bit-map area [and] <u>of</u> said memory;

a video output circuit, for transferring said expanded drawing data to said printer engine;

and

a controller for analyzing said input data for each job and creating drawing data for a

designated resolution,

wherein said controller changes said designated resolution to a lower one, and repeats an

input data analyzation process beginning with said input data entered for the First page of said job when

said controller detects a memory shortage of said compressed area.

wherein said controller displays a resolution change message on a display panel.

Claim 6 (Original) A page printer according to claim 1, wherein said controller has an

analyze pointer for indicating an analyze position of said inputted data for said job and

initializes said analyze pointer when detects said memory shortage.

Claim 7 (Previously Presented) A page printer control method comprising the steps of:

storing, for each job, input data in an input area of a memory;

analyzing said input data for each job, compressing drawing data at a designated resolution,

and storing the resultant compressed drawing data in a compression area of said memory;

expanding said compressed drawing data stored in said compression area in said memory,

and storing the resultant expanded drawing data in a bit-map area of said memory; and

transferring said expanded drawing data stored in said bit-map area of said memory to a printer

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engine,

wherein said analyzing step includes the steps of

detecting whether a memory shortage of said compressed area for one page, has occurred,

and

changing said designated printing resolution to a lower printing resolution, and

repeating an input data analyzation process beginning with said input data entered for the first

page of said job when said memory shortage is detected, and printing said job at the lower

printing resolution.

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